ABSTRACT OF THE DISCLOSURE

Applicable to humans, animals and fish, a method for injecting thoroughly diffused ambient air or disinfectant into water prior to its delivery into a therapy tank plus an underwater PZT probe transmission of separate stable and transient cavitation signals from which a microcomputer determines, 1) the average number of transducer generated sinoidal equal amplitude alternating compression and rarefaction ultrasonic acoustic pressure waves cycles necessary to create inertial and/or transient cavitation and the required number of rectified sinoidal equal amplitude ultrasonic compression acoustic pressure waves necessary to suppress the inertial/transient cavitation and thereby maintain stable cavitation for cleaning and open-wound therapy treatment for 15-minutes, (or greater) time periods and, 2) the necessary dilution of water and disinfectant and its activation by dual-mode transient cavitation to kill the pathogens shed by the "patient" following "patient" cleaning or wound-therapy treatment.